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SUBSTITUTE SPECIFICATION

TITLE OF THE INVENTION

HIGH SPEED RECORDING AND REPRODUCING FOR OPTICAL DISK DEVICE OF
DIFFERENT FORMAT

BACKGROUND OF THE INVENTION

Field of the Invention

[0001] The present invention relates to an optical disk high-speed replaying/recording apparatus which replays an optical disk at a speed higher than a normal replay speed for reading data recorded on the optical disk, and records the read data on a writable/rewritable optical disk. More specifically, the present invention relates to a high-speed replaying/recording apparatus which replays an optical disk at a replay speed suitable for the optical disk.

Description of the Background Art

[0002] In recent years, there have been developments of optical disk high-speed replaying/recording apparatuses capable of reproducing data recorded on various types of optical disks typified by CDs and DVDs at a speed higher than the original replay speed and also recording the reproduced data on another writable/rewritable optical disk.

The operation of a typical example of the optical disk high-speed replaying/recording apparatuses in which a CD is used as a recording source optical disk and an MD is used as a writable/rewritable optical disk is briefly described below. The CD having recorded thereon music or non-music data is rotated at a speed higher than the normal replay speed. The recorded data is then read in units smaller than tracks. The read data is then written in the MD in predetermined recording

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